

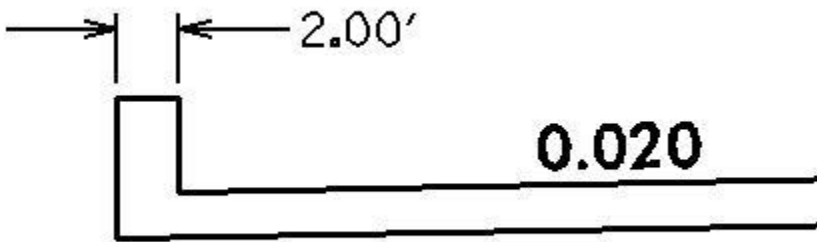
14_03 Bridge Rail Width

Question:

I see on the roadway design website that there is a bridge criteria line for deck depth, rail height, rail offset and median side of cluster, but none for rail width. My supervisor is asking me to make the rails wider. Is there anyway I can do this without modifying by hand?

Answer:

The current Bridge Criteria draws the bridge rail width according to the following expression: Bridge Rail Width = Bridge Rail Height / 3. Currently, Designers can adjust the rail width by adjusting the rail height. For example, define "BD01 RAIL HEIGHT" 3 will result with the rail width of 1'. For this situation, the Designer wants to draw the bridge rail 2' wide. To do this the rail height must be 6'. This is not a viable option. The Bridge Criteria has been modified to draw the bridge rail width with a redefinable variable. Below is an example of how the new variable works. DEFINE "BD01 RAIL WIDTH" 2 Criteria draws the bridge rail 2' wide.



If "BD01 RAIL WIDTH" is not the defined then the Default value of 1' or (0.30 m) is used.